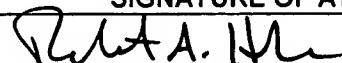


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FEB 20 2004

0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office		
TRANSMITTAL FORM			
(to be used for all correspondence during pendency of filed application)			
Total Number of Pages in This Submission	16	Application Number	10/680,957
		Filing Date	February 20, 2002
		First Named Inventor	Chang Chui Ha, et al.
		Group Art Unit Number	2882
		Examiner Name	Elizabeth M. Keaney
		Attorney Docket Number	23976-08191 (CDDC/CHC/001)

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input checked="" type="checkbox"/> Amendment A: [] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input checked="" type="checkbox"/> Formal Drawing(s): <input type="checkbox"/> [1] Sheet of Figure [5] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
REMARKS:	

SIGNATURE OF ATTORNEY OR AGENT	
Signature:	
Attorney/Reg. No.:	Robert A. Hulse, Reg. No. 48,473
Dated: Feb. 6, 2004	

CERTIFICATE OF MAILING	
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Signature:	
Typed or Printed Name:	Robert A. Hulse
Dated: Feb. 6, 2004	
Express Mail Mailing Number (optional):	

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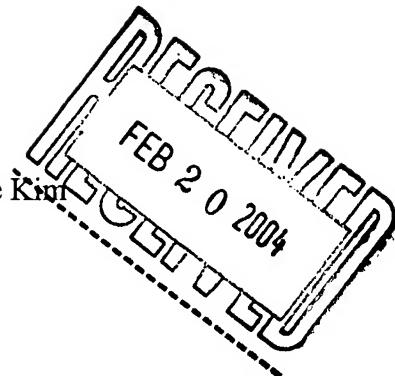
FEE TRANSMITTAL for FY 2004		<i>Complete if Known</i>	
Patent fees are subject to annual revision.		Application Number	10/080,057
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	February 20, 2002
TOTAL AMOUNT OF PAYMENT (\$ 475.00)		First Named Inventor	Chang Chul Ha et al.
		Examiner Name	Elizabeth M. Keaney
		Art Unit	2882
		Attorney Docket No.	23976-08191

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																													
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ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> </tr> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - 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SUBMITTED BY		<i>Complete (if applicable)</i>		
Name (Print/Type)	Robert A. Hulse	Registration No. (Attorney/Agent)	48,473	Telephone (415) 875-2444
Signature	<i>Robert A. Hulse</i>		Date	Feb. 6, 2004



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE



APPLICANTS: Chang Chul Ha, Jong Woo Son, and Jung Jae Kim
APPLICATION NO.: 10/080,057
FILING DATE: February 20, 2002
TITLE: PATTERNEED SEED LAYER SUITABLE FOR ELECTRON-EMITTING DEVICE
AND ASSOCIATED FABRICATION METHOD
EXAMINER: Elizabeth Marie Keaney
GROUP ART UNIT: 2882
ATTY. DKT. NO.: 23976-08191 (CDDC/CHC/001)

CERTIFICATE OF MAILING

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Dated: February 6, 2004

By: 
Robert A. Hulse, Reg. No. 48,473

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT A

Sir:

In response to the Office Action mailed August 7, 2003, please amend the above-referenced application as indicated in the following pages.

02/13/2004 BABRAKA1 00000099 192555 10080057
01 FC:2253 475.00 DA